



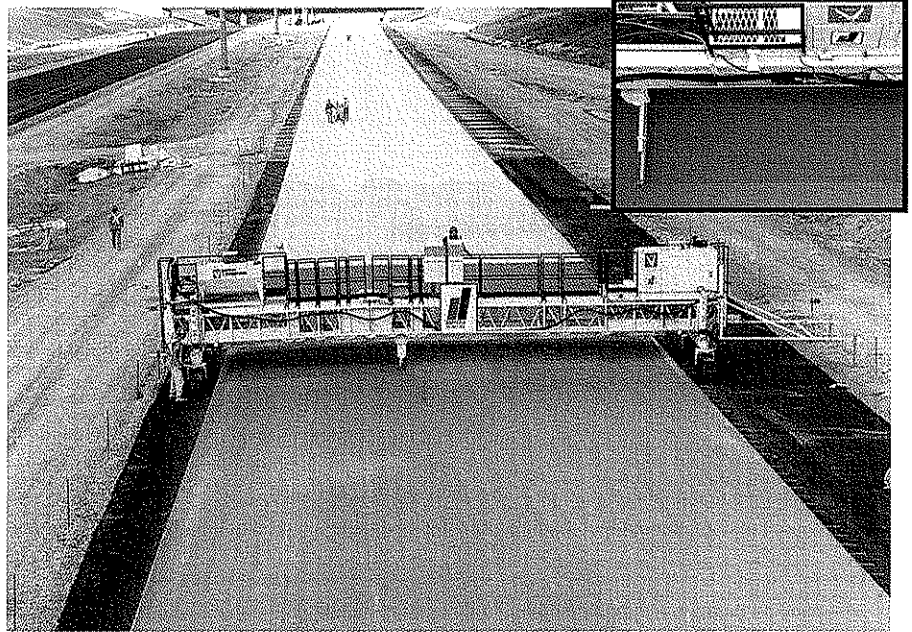
GUNTERT & ZIMMERMAN

TC850

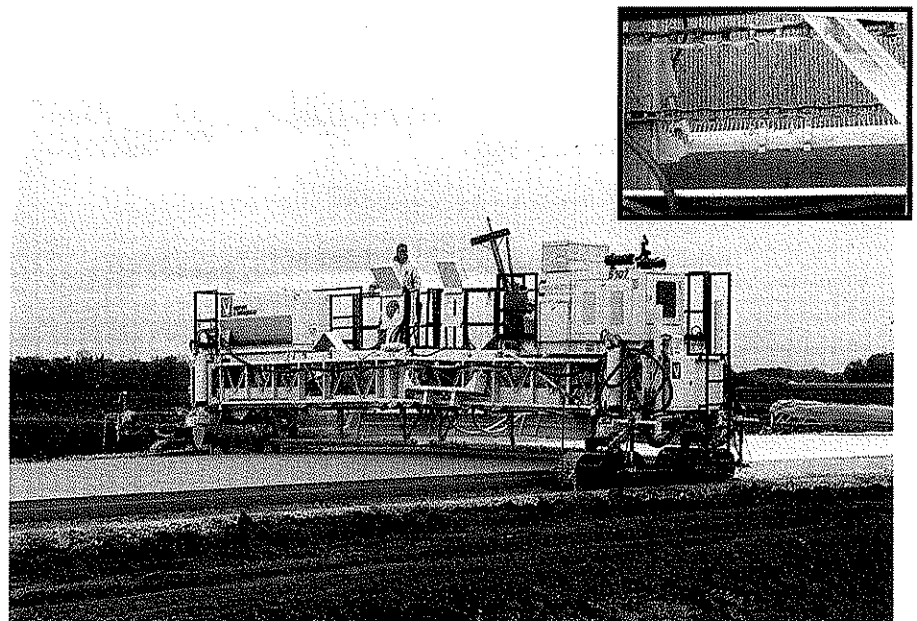
Texture/Cure Machine

FEATURES

- ✓ Rigid latticework frame with two or four crawler tracks provides a stable platform for longitudinal and transverse texturing and/or curing of concrete pavements.
- ✓ Hydraulic end truck jacks easily clamp and relocate along machine frame terminals for optimum track path location and minimize frame width changes.
- ✓ Modern proportional steering controls, used in conjunction with the machine's rigid frame, offer excellent automatic steering accuracy required for precision tining results.
- ✓ Dual propulsion piston pumps, one dedicated to each side of the machine, allow unparalleled operator flexibility for maneuvering in tight confines. With the four-track option and 90° steering, the machine can travel and steer transversely along its width to cross bridges and self-load.
- ✓ The machine transport width in the two-track version is 9'-10" (2997mm). In the four-track version, the transport width is 8'-5" (2565mm) with the cure spray hood folded up and tracks turned 90°.
- ✓ The transverse texturing cart rake is arranged to automatically lift off the concrete slab edge by means of movable ramps. The optional longitudinal texturing kit is arranged to hydraulically position the texture rake on and off the concrete surface.



Transverse Tining - Transverse tining is accomplished by moving ahead in increments equal to the length of the tine rake. After tining, the machine is backed up accurately at high speed; then the curing compound is applied as the machine travels forward again.



Longitudinal Tining - The tining kit clamps to the transverse tining cart track and uses the same hydraulic circuit. Longitudinal tining can be done concurrently with the curing operation eliminating the need to back up. The 300 gal. (1136L) cure tank is sized to maximize the time between refills.

ENGINE

Type: 4 Cylinder water-cooled Diesel Engine

HP: 58 HP (43KW) Intermittent Rating @ 2400 RPM

HYDRAULIC POWER

Two propulsion and one auxiliary piston pumps are stacked and driven off the end of the engine flywheel adapter. Fully enclosed pumping unit is vibration isolated from the frame. Engine/pump group is also vibration isolated from pumping unit base.

SERVICE CAPACITIES

Diesel Fuel Tank: 30 U.S. Gal. (113L)

Hydraulic Oil Reservoir: 50 U.S. Gal. (189L)

FRAME CONSTRUCTION

Heavy duty latticework construction. Pin connected bottom cord, bolted top cord. Frame strong enough to support polyethylene paper dispenser, even at wide widths.

MACHINE WIDTH

Adjustable from 12' to 56' (3657-17068mm) depending on your ordered sectionalization.

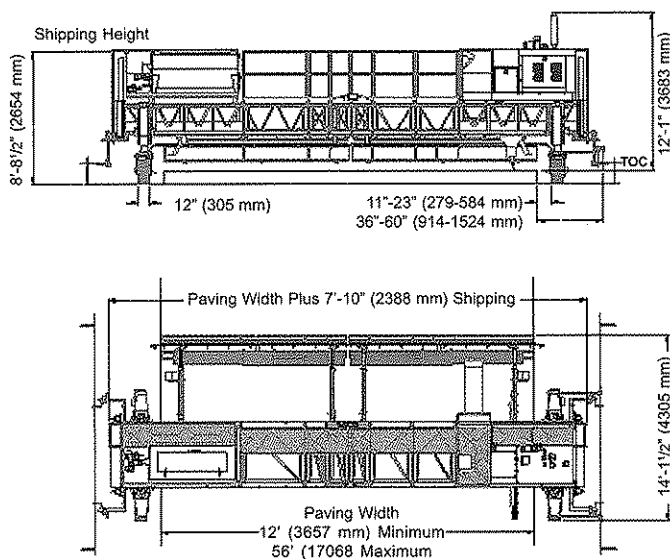
TRACTION SYSTEM

Speed range from 0-170 ft/min (0-52m/min).

GRADE CONTROL

Remote operator control of four hydraulic jacks is standard for manual height adjustment of 18" (457mm). By rebolting jacks, the machine can handle concrete slab thicknesses of up to 24" (610mm) and adjacent slabs.

DIMENSIONS



Sectionalized to your ordered requirements.

AUTOMATIC STEERING CONTROL

Automatic steering from preset stringline reference by two proportional electric over hydraulic sensors for both forward and reverse directions. Manually adjustable supports for steering sensors provided for stringline offsets of up to 5' (1524mm) from edge of pavement.

TRANSVERSE TEXTURING

Chain driven transverse texturing cart with speeds adjustable from 0-325 ft/min (0-99 m/min). Clamps provided to secure texturing rake or brush to cart. The standard tine rake with replaceable metal tines is 10' (3048mm) long (other lengths available). Tine pattern per customer's specification. Cart track is rigidly bolted to the machine frame with manual leveling screw hangers.

CURE SYSTEM

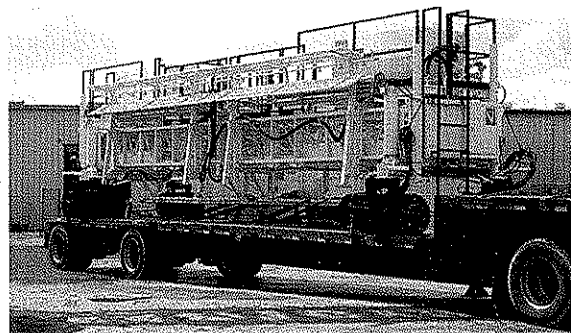
Cure tank is 300 U.S. Gal. (1136L) with oversized access cover and hydraulic motor-driven mechanical agitator.

Cure pump circuit consists of a hydraulic motor-driven cure pump with lines and valves to load or unload tank from barrels or bulk containers located on either side of the machine, circulate cure compound and flush system.

Cure Spray Bar/Windshield is equipped with stainless steel tipped nozzles with strainers and diaphragm check valves. Additional dual inline strainers provided to minimize system plugging.

OPTIONS

- ◆ Automatic grade control system complete with four proportional electric over hydraulic sensors each with an adjustable support for stringline offsets of up to 5' (1524 mm) from edge of pavement.
- ◆ Longitudinal tining kit with hydraulic lift.
- ◆ Four-track 90° steering kit for transverse travel and self-loading feature with required steering linkage and hydraulic valving.
- ◆ Manual telescopic loading stands.
- ◆ Powered polyethylene paper dispenser and supports.
- ◆ Water system with reservoir.
- ◆ Burlap/astroturf drag with water spray bar support and hydraulic raise/lower control.
- ◆ Remote on/off switch at ground level for on/off control of cure pump.
- ◆ Sonar sensors off top of slab for elevation control so only steering wire required.



Some items shown in photographs and illustrations may be optional. Guntert & Zimmerman will custom build any machine or accessory to suit your particular job requirements. Guntert & Zimmerman Const. Div., Inc. reserves the right to make improvements in design, material, and/or changes in specifications at any time without notice and without incurring any obligation related to such changes.

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